



North Dakota

# FARM REPORTER

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## CROP PRODUCTION

**N**orth Dakota Soybean production is forecast at a record high 106 million bushels, up 29 percent from last year. Based on conditions as of October 1, yields are expected to average 36 bushels per acre, up 1 bushel from the September forecast

and 13 bushels from last year. Area to be harvested is estimated at 2.95 million acres, down 17 percent from 2004.

Corn production is forecast at a record high 136 million bushels, down 6 percent from the September forecast, but 12 percent above last year. Corn for grain yields are expected to average 120 bushels per harvested acre, unchanged from the September forecast but 15 bushels better than last year. Acreage to be harvested for grain is estimated at 1.13 million, 2 percent below 2004.

Dry edible bean production is forecast at 8.10 million hundredweight (cwt), 71 percent above last year. Yield is forecast at 1,500 pounds per acre, up 100 pounds from August and 500 pounds from last year. Area for harvest is expected to be 540,000 acres, 14 percent above last year.

All sunflower (oil and non-oil) production for 2005 is forecast at 1.73 billion pounds, up 119 percent from last year. The average yield for all sunflower is forecast at 1,560 pounds per harvested acre, down from 1,002 pounds last year. Harvested acreage is estimated at 1.10 million, up 41 percent from last year.

Canola production is forecast at 1.38 billion pounds, up 13 percent from 2004. The yield forecast, at 1,350 pounds per acre, is down 280 pounds from last year.

**Crop Summary: Area Planted and Harvested**  
**North Dakota and United States, 2004 and Forecasted October 1, 2005 <sup>1/</sup>**

Crop	North Dakota				United States			
	Area Planted		Area Harvested		Area Planted		Area Harvested	
	2004	2005	2004	2005	2004	2005	2004	2005
	1,000 Acres		1,000 Acres		1,000 Acres		1,000 Acres	
Barley	1,600	1,200	1,480	1,060	4,527	3,922	4,021	3,276
Corn for Grain <sup>2/</sup>	1,800	1,410	1,150	1,130	80,930	81,642	73,632	74,333
Corn for Silage			215				6,103	
Hay, All			2,730	2,750			61,916	61,723
Alfalfa			1,300	1,450			21,707	22,118
All Other			1,430	1,300			40,209	39,605
Oats	490	490	220	240	4,085	4,240	1,787	1,823
Rye <sup>3/</sup>	25		20		1,380	1,433	300	279
Wheat, All	8,195	9,090	7,775	8,835	59,674	57,091	49,999	49,980
Winter	245	310	225	285	43,350	40,320	34,462	33,680
Durum	1,750	1,980	1,600	1,950	2,561	2,735	2,363	2,691
Other Spring	6,200	6,800	5,950	6,600	13,763	14,036	13,174	13,609
Canola	780	1,040	750	1,020	865	1,153	828	1,125
Flaxseed	490	850	485	840	523	945	516	931
Mustard Seed <sup>4/</sup>					73.0	61.0	68.7	42.5
Rapeseed <sup>4/</sup>					8.7	2.2	7.8	1.9
Safflower <sup>4/</sup>					175	185	159	173
Soybeans	3,750	3,000	3,570	2,950	75,208	72,200	73,958	71,270
Sunflower, All	880	1,150	790	1,110	1,873	2,706	1,711	2,581
Oil	720	920	660	890	1,533	2,106	1,424	2,013
Non-oil	160	230	130	220	340	600	287	568
Sugarbeets	256	253	246	240	1,345.9	1,284.6	1,306.9	1,243.3
Dry Edible Beans, All	560.0	620.0	475.0	540.0	1,354.3	1,659.8	1,219.3	1,522.1
Dry Edible Peas	310	530	296	510	530.0	804.0	507.8	772.0
Lentils	100	130	94	127	345	450	329	430
Fall Potatoes, All	105.0	90.0	101.0	86.0	1,039.7	970.4	1,022.3	955.7
Irrigated <sup>5/ 6/</sup>	34.5		33.5					

<sup>1/</sup> Data are latest estimates available. <sup>2/</sup> Area planted for all purposes. <sup>3/</sup> Beginning in 2005, North Dakota no longer published. <sup>4/</sup> Published at U.S. level only. <sup>5/</sup> Included in all potatoes. <sup>6/</sup> Published at state level only.

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## CROP PRODUCTION (Continued)

### United States

Soybean production is forecast at 2.97 billion bushels, up 4 percent from the September forecast but 5 percent below 2004. Yield is expected to average 41.6 bushels per acre, up 2.0 bushels from September but 0.6 bushel below last year's record high yield. Area for harvest is forecast at 71.3 million acres, down 4 percent from last year.

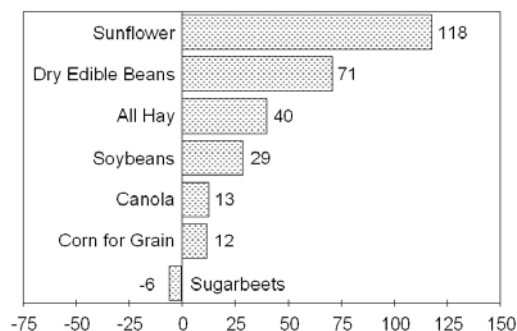
Corn production is forecast at 10.9 billion bushels, up 2 percent from last month but 8 percent below 2004. Yields are expected to average 146.1 bushels per acre, up 2.9 bushels from September but 14.3 bushels below last year. Farmers now expect to harvest 74.3 million acres of corn for grain, up 1 percent from 2004.

Dry edible bean production is forecast at 26.1 million cwt for 2005, up 1 percent from the August forecast and 47 percent above last year. The average yield is forecast at 1,715 pounds per acre, an increase of 28 pounds from the August forecast and 255 pounds above last year. Harvested acreage is forecast at 1.52 million acres, up 25 percent from last year.

Sunflower production is forecast at 3.87 billion pounds, up 89 percent from 2004. The yield forecast, at 1,500 pounds, is 302 pounds more than the 2004 yield. Farmers expect to harvest 2.58 million acres, up 51 percent from the 2004 acreage.

Canola production is forecast at 1.50 billion pounds, up 12 percent from 2004. The yield forecast, at 1,333 pounds per acre, is 285 pounds below last year's record high yield. Farmers expect to harvest 1.13 million acres, up 36 percent from 2004.

**2005 Production Forecast  
Percent Change from 2004  
North Dakota, October 1, 2005**



**Crop Summary: Yield and Production  
North Dakota and United States, 2004 and Forecasted October 1, 2005 <sup>1/</sup>**

Crop	Unit	North Dakota				United States			
		Yield <sup>2/</sup>		Production		Yield <sup>2/</sup>		Production	
		2004	2005		2004	2005	2004	2005	
			Sep 1	Oct 1				Sep 1	Oct 1
Barley <sup>3/</sup>	Bu	62.0	54.0		91,760	57,240	69.6	64.8	
Corn for Grain	Bu	105	120	120	120,750	135,600	160.4	143.2	146.1
Corn for Silage	Tons	8.7			1,871		17.6		
Hay, All	Tons	1.34	1.86		3,666	5,125	2.55	2.48	
Alfalfa	Tons	1.50	2.10		1,950	3,045	3.47	3.43	
All Other	Tons	1.20	1.60		1,716	2,080	2.05	1.94	
Oats <sup>3/</sup>	Bu	64.0	59.0		14,080	14,160	64.7	63.1	
Rye <sup>3/ 4/</sup>	Bu	39.0			780		27.5	27.0	
Wheat, All <sup>3/</sup>	Bu	39.4	34.4		306,650	303,765	43.2	42.0	
Winter <sup>3/</sup>	Bu	44.0	39.0		9,900	11,115	43.5	44.4	
Durum <sup>3/</sup>	Bu	33.0	35.0		52,800	68,250	38.0	37.2	
Other Spring <sup>3/</sup>	Bu	41.0	34.0		243,950	224,400	43.2	37.1	
Canola	Lbs	1,630	1,350		1,222,500	1,377,000	1,618	1,333	
Flaxseed	Bu	20.5			9,943		20.3		
Mustard Seed <sup>5/</sup>	Lbs						819		
Rapeseed <sup>5/</sup>	Lbs						1,394		
Safflower <sup>5/</sup>	Lbs						1,105		
Soybeans	Bu	23.0	35.0	36.0	82,110	106,200	42.2	39.6	41.6
Sunflower, All	Lbs	1,002	1,560		791,700	1,732,000	1,198	1,500	
Oil	Lbs	1,040			686,400		1,238		
Non-oil	Lbs	810			105,300		997		
Sugarbeets	Tons	19.7	19.0	19.0	4,846	4,560	22.9	21.2	21.5
Dry Edible Beans, All <sup>6/</sup>	Cwt	1,000	1,500		4,750	8,100	1,460	1,715	
Dry Edible Peas <sup>6/</sup>	Cwt	2,340			6,926		2,249		
Lentils <sup>6/</sup>	Cwt	1,370			1,288		1,271		
Fall Potatoes, All	Cwt	265			26,765		401		
Irrigated <sup>7/ 8/</sup>	Cwt	380			12,730				

<sup>1/</sup> Data are latest estimates available. <sup>2/</sup> Yield per harvested acre. <sup>3/</sup> Estimates carried forward from September Small Grains 2005 Summary. <sup>4/</sup> Beginning in 2005, North Dakota no longer published. <sup>5/</sup> Published at U.S. level only. <sup>6/</sup> Yield in pounds. <sup>7/</sup> Included in all potatoes. <sup>8/</sup> Published at state level only.

**Wheat:** Projected United States 2005/06 ending stocks of wheat are down 94 million bushels from last month in part reflecting a 69 million bushel drop in production. Hard red spring ending stocks are down 59 million bushels and, at 119 million bushels, are the smallest since 1995/96. No changes are made to domestic use or imports. Exports rise 25 million bushels due to larger than expected sales to Nigeria and Iraq. Exports of hard red winter and hard red spring are higher but are partially offset by lower exports of White wheat. The projected 2005/06 price range is \$3.20 to \$3.60 per bushel, up 20 cents on each end from last month, compared with \$3.40 for 2004/05.

Global wheat production in 2005/06 is down over 2 million tons from last month, consumption and imports are up slightly, but ending stocks are down over 2 million tons. Foreign production is down fractionally due primarily to smaller crops in EU-25, Argentina, and Kazakhstan, partially offset by larger crops in Canada, Morocco, Australia, and Romania. Projected global imports are up fractionally due to larger imports by EU-25, Iraq, and Nigeria. Imports by China and Russia are down. Forecast exports rise for Australia, Romania, and Serbia but decline for Argentina, EU-25, and Kazakhstan.

Global consumption is up fractionally. The largest month to month consumption increases occur in Nigeria, Canada, Iraq, and Mexico. Global 2005/06 wheat ending stocks fall 2.2 million tons due mostly to lower United States stocks. Foreign stocks are up slightly with increases projected in Canada, Morocco, China, and Algeria. Stocks are down in EU-25 and Russia.

**Coarse Grains:** This month's outlook for 2005/06 United States corn is for increased production, higher domestic consumption, larger stocks, and lower prices. Forecast 2005 corn production is up 218 million bushels from last month to 10.857 billion bushels (the second largest crop on record). Beginning stocks of 2005/06 corn drop 13 million bushels, based on the *September Grain Stocks* report. Projected 2005/06 feed and residual rises 50 million bushels and food, seed, and industrial use is up 15 million bushels. Exports are unchanged. Corn ending stocks are up 141 million bushels from last month and are 108 million higher than the previous year. The projected 2005/06 price range for corn is \$1.65 to \$2.05 per bushel, down 5 cents on each end from last month, compared with \$2.06 for 2004/05.

The global outlook for coarse grains in 2005/06 is for larger production, higher consumption, larger imports, but fractionally lower stocks relative to last month. Foreign production is down just over 1 million tons with the largest

declines projected in India, EU-25, China, South Africa, and Argentina. These losses are partially offset by gains in crops in Nigeria, Russia, and Ukraine.

**Oilseeds:** United States oilseed ending stocks for 2005/06 are projected at 8.7 million tons, up 1.6 million tons from last month and up 0.4 million tons from revised 2004/05 ending stocks. Total United States oilseed production is projected at 92.8 million tons, up 3.4 million tons from last month. Soybean production is forecast at 2,967 million bushels, up 111 million bushels as higher yields more than offset this month's acreage reductions. Planted and harvested area are both lowered 0.9 million acres based on administrative data. Soybean crush is raised 10 million bushels this month due to increased supplies and lower soybean prices. Soybean ending stocks are projected at 260 million bushels, up 55 million from last month. Other oilseed production is forecast higher this month with increases for sunflowerseed, canola, and cottonseed more than offsetting reduced peanut production.

United States season average soybean prices for 2005/06 are projected at \$5.00 to \$5.80, compared with \$5.15 to \$6.05 last month. Soybean meal prices are also projected lower at \$155 to \$185 per short ton, down \$10 on both ends of the range. Soybean oil prices are projected at 22 to 25 cents per pound, up 0.5 cent on both ends of the range. Higher soybean oil prices reflect market expectations for increased biodiesel production.

Global oilseed production for 2005/06 is projected at 384.9 million tons, up 5.5 million tons from last month and up 5.7 million tons from 2004/05. Foreign oilseed production is raised 2.2 million tons as higher soybean, rapeseed, and sunflowerseed more than offset reduced cottonseed and peanut production. Argentina soybean production is projected at 40.5 million tons, up 1.5 million tons from the previous estimate based on increased area. Higher first crop soybean seedings are expected as Argentine producers switch from wheat and corn. Soybean production for India is projected lower due to reduced yield prospects related to dry weather. Sunflowerseed production is increased for Argentina, Bolivia, EU-25, Russia, Ukraine, and South Africa. Rapeseed production is projected higher for EU-25 and for Canada, where the crop is expected to be the largest since 1999/2000. Other changes include lower cottonseed production for China and Pakistan, partly offset by an increase for India. Lower peanut production projected for China is partly offset by an increase for India. Global oilseed stocks for 2005/06 are raised this month as production increases more than offset lower beginning stocks and increased use.

# MILK PRODUCTION

## North Dakota

Milk production in North Dakota during the July-September quarter totaled 132 million pounds.

Production decreased 3 million pounds from the April-June quarter and 2 million pounds from last year's July-September quarter. The average number of milk cows during the quarter was 32,000, down 1,000 from last quarter and 2,000 from the July-September 2004 quarter. Milk produced per cow during the quarter averaged 4,110 pounds, up from 4,100 pounds last quarter and 3,950 pounds last year.

## United States

Milk production in the U.S. during the July-September quarter totaled 44.0 billion pounds, up 4.2 percent from the

July-September quarter last year. The average number of milk cows in the U.S. during the quarter was 9.05 million head, 27,000 head more than the same period last year. Production per cow during the quarter averaged 4,862 pounds, up from 4,679 pounds during the same period last year.



Milk Cows and Production, July - September Quarter

State	Milk Cows <sup>1/</sup>		Milk Production <sup>2/</sup>		
	2004	2005	2004	2005	Change from 2004
	-- 1,000 Head --		-- Million Pounds --		Percent
North Dakota	34	32	134	132	-1.5
California	1,733	1,763	9,133	9,360	2.5
Minnesota	465	453	1,984	2,018	1.7
New York	655	648	2,907	3,053	5.0
Wisconsin	1,240	1,236	5,541	5,829	5.2
United States	9,027	9,054	42,239	44,024	4.2

1/ Includes dry cows, excludes heifers not yet fresh. 2/ Excludes milk sucked by calves.

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